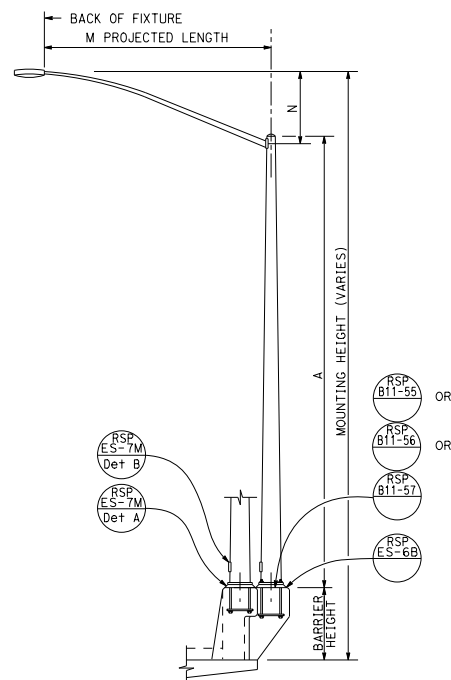


TYPE 15 AND TYPE 21
ELEVATION A



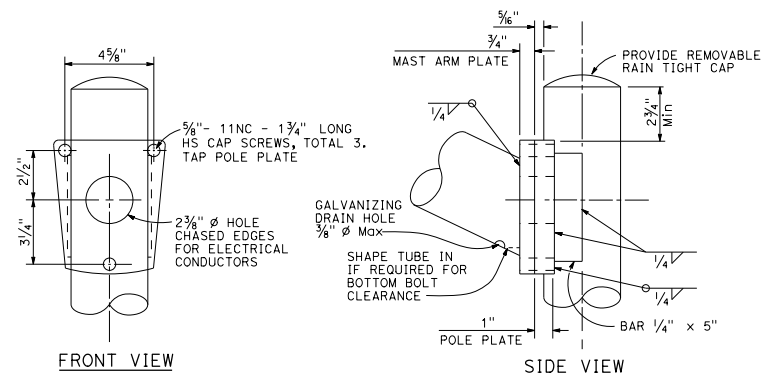
TYPE 15 AND TYPE 21 BARRIER RAIL MOUNTED
ELEVATION B

POLE TYPE	POLE DATA				BASE PLATE DATA				CIDH PILE FOUNDATION	
	A HEIGHT	Min OD	WALL THICKNESS		C	BC = BOLT CIRCLE	THICKNESS	ANCHOR BOLT SIZE	Di	DEPTH
15	30'-0"	8"	3 1/8"	0.1196"	1'-0"	1'-0"	1 1/2"	1" ϕ x 36" *	2'-6"	6'-0"
21	35'-0"	8 3/8"	3 3/8"	0.1793"			2"	1 1/4" ϕ x 36" *		7'-0"

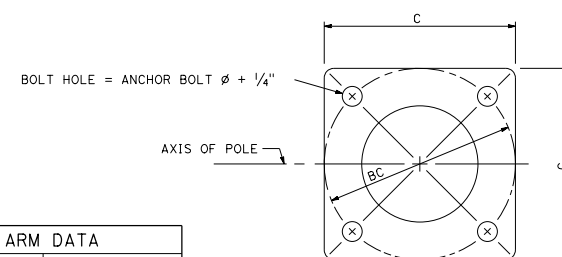
* FOR BARRIER RAIL BOLTS, SEE REVISED STANDARD PLAN RSP ES-6B.

NOTES:

- Indicates mast arm length to be used unless otherwise noted on the plans.
- For Type 15-SB, use Type 15 standard with Type 30 slip base plate details, see Revised Standard Plan RSP ES-6F.
- Handhole shall be located on the downstream side of traffic.
- For additional notes and details, see Revised Standard Plans RSP ES-7M and RSP ES-7N.



LUMINAIRE MAST ARM CONNECTION
DETAIL R



BASE PLATE
DETAIL A

LUMINAIRE MAST ARM DATA					
M PROJECTED LENGTH	N RISE	Min OD AT POLE	NOMINAL THICKNESS	P	
				TYPE 15	TYPE 21
6'-0"	2'-0" \pm	3/4"	0.1196"	31'-6" \pm	36'-6" \pm
8'-0"	2'-6" \pm	3/2"		32'-0" \pm	37'-0" \pm
10'-0"	3'-3" \pm	3 7/8"		32'-9" \pm	37'-9" \pm
(12'-0")	4'-3" \pm			33'-9" \pm	38'-9" \pm
15'-0"	4'-9" \pm	4 1/4"		34'-9" \pm	39'-3" \pm

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

ELECTRICAL SYSTEMS (LIGHTING STANDARD, TYPES 15 AND 21) NO SCALE

RSP ES-6A DATED JULY 15, 2016 SUPERSEDES RSP ES-6A
DATED OCTOBER 30, 2015 AND STANDARD PLAN ES-6A DATED MAY 20, 2011 -
PAGE 452 OF THE STANDARD PLANS BOOK DATED 2010.

REVISED STANDARD PLAN RSP ES-6A